

In the Claims:

Please cancel pending claims 1-19 and add new claims 20-46 as follows:

Claims 1-19 (Currently canceled).

20. *(new)* A method for making an EMI shielded portable electronic device, said method characterized by the steps of:

providing an electrically conductive woven fiber mesh net comprising a given pattern of woven threads of intertwisted electrically conductive fibers defining the fiber mesh net, and insert molding the woven fiber mesh net into the wall surfaces defining an interior cavity in the cover structure of said portable electronic device during the molding process of the cover structure.

21. *(new)* The method for making an EMI shielded portable electronic device as set forth in claim 20 wherein the step of providing an electrically conductive woven fiber mesh net is further characterized by a bobbinet woven fiber mesh net.

22. *(new)* The method for making an EMI shielded portable electronic device as set forth in claim 20 wherein the step of providing an electrically conductive woven fiber mesh net is further characterized by providing a textile structure electrically conductive woven fiber mesh net.

23. *(new)* The method for making an EMI shielded portable electronic device as set forth in claim 22 wherein the step of providing the textile electrically conductive woven fiber mesh net includes providing warp knitted, woven, Raschel, braided, non-woven and spun multidirectional textile structures.

24. (new) The method for making an EMI shielded portable electronic device as set forth in claim 23 further characterized in that said electrically conductive woven fiber mesh net is further characterized by at least a part of said woven fiber mesh net being a mixture of conductive and non-conductive fibers.

25. (new) The method for making an EMI shielded portable electronic device as set forth in claim 20 wherein the step of providing an electrically conductive woven fiber mesh net is further characterized by the step of laminating said woven fiber mesh net to a polymer film sheet.

26. (new) The method for making an EMI shielded portable electronic device as set forth in claim 25 further characterized in that said polymer film sheet has an electrically non-conductive surface side opposite said electrically conductive woven fiber mesh net surface side for carrying second electronic circuitry, said electrically conductive woven fiber mesh net having at least a portion extending to the non-conductive surface side of said polymer film sheet for mechanical and electrical coupling to said second electronic circuitry.

27. (new) The method for making an EMI shielded portable electronic device as set forth in claim 26 further characterized in that said electrically conductive woven fiber mesh net is further characterized by at least a part of said woven fiber mesh net being a mixture of conductive and non-conductive fibers.

28. (new) The method for making an EMI shielded portable electronic device as set forth in claim 20 further characterized by said insert molded fiber mesh net interior cavity in the cover structure defining means for containing first electronic circuitry within the portable electronic device.

29. (new) The method for making an EMI shielded portable electronic device as set forth in claim 28 wherein the step of providing an electrically conductive woven fiber mesh net is further characterized by the step of laminating said woven fiber mesh net to a polymer film sheet.

30. (new) The method for making an EMI shielded portable electronic device as set forth in claim 29 further characterized in that said polymer film sheet has an electrically non-conductive surface side opposite said electrically conductive woven fiber mesh net surface side for carrying second electronic circuitry, said electrically conductive woven fiber mesh net having at least a portion extending to the non-conductive surface side of said polymer film sheet for mechanical and electrical coupling to said second electronic circuitry.

31. (new) The method for making an EMI shielded portable electronic device as set forth in claim 30 further characterized by providing at least a part of said electrically conductive woven fiber mesh net having a mixture of conductive and non-conductive fibers wherein at least one of said conductive fibers carries electrical signals between said first electronic circuitry and said second electronic circuitry.

32. (new) An EMI shielded portable electronic device characterized by:
wall surfaces defining at least one interior cavity within the cover structure of said electronic device, and
an electrically conductive woven fiber mesh net comprising a given pattern of woven threads of intertwined electrically conductive fibers defining the fiber mesh net insert molded into said wall surfaces defining said interior cavity within the cover structure.

33. (new) The EMI shielded portable electronic device as set forth in claim 32 further characterized in that said electrically conductive woven fiber mesh net is a bobbinet woven fiber mesh net.

34. (new) The EMI shielded portable electronic device as set forth in claim 33 further characterized in that said bobbinet woven fiber mesh net is a bobbinet woven 3-directional fiber mesh net.

35. (new) The EMI shielded portable electronic device as set forth in claim 34 wherein said bobbinet woven 3-directional fiber mesh net is further characterized by 6 to 34 openings per inch and a specific weight of 10 to 50 grams per square meter.

36. (new) The EMI shielded portable electronic device as set forth in claim 32 further characterized in that said electrically conductive woven fiber mesh net comprises a textile structure mesh net.

37. (new) The EMI shielded portable electronic device as set forth in claim 36 further characterized in that said textile structure fiber mesh net includes all of warp knitted, woven, Raschel, braided, non-woven and spun multidirectional textile structures.

38. (new) The EMI shielded portable electronic device as set forth in claim 32 further characterized in that said electrically conductive woven fiber mesh net is preformed to the size, shape and contour of said interior cavity for insert molding into said wall surfaces defining said interior cavity within the cover structure.

39. (new) The EMI shielded portable electronic device as set forth in claim 32 further characterized by a laminate of said electrically conductive woven fiber mesh net and a polymer film sheet.

40. (new) The EMI shielded portable electronic device as set forth in claim 39 further characterized in that said polymer film sheet has an electrically non-conductive surface side opposite said fiber mesh net surface side for carrying second electronic circuitry.
41. (new) The EMI shielded portable electronic device set forth in claim 40 further characterized in that at least a part of said electrically conductive woven fiber mesh net is a mixture of conductive and non-conductive fibers.
42. (new) The EMI shielded portable electronic device as set forth in claim 32 further characterized in that said insert molded interior cavity within the cover structure carries first electronic circuitry within said portable electronic device.
43. (new) The EMI shielded portable electronic device as set forth in claim 42 further characterized by a laminate of said electrically conductive woven fiber mesh net and a polymer film sheet.
44. (new) The EMI shielded portable electronic device as set forth in claim 43 further characterized in that said polymer film sheet has an electrically non-conductive surface side opposite said fiber mesh net surface side for carrying second electronic circuitry.
45. (new) The EMI shielded portable electronic device as set forth in claim 44 further characterized in that at least a portion of said electrically conductive woven fiber mesh net is electrically coupled to said second electronic circuitry and to first electronic circuitry within said electrical device for passing electronic signals between said first and said second electronic circuitries.
46. (new) The EMI shielded portable electronic device as set forth in claim 45 wherein said portable electronic device is further characterized by a portion of said cover structure

including at least one interior cavity wherein said insert molded electrically conductive woven fiber mesh net is arranged such that said second electronic circuitry is electrically coupled to other electronic circuitry carried on the exterior of said cover structure and for passing electrical signals between said other and said second circuitries.